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CONTROL SYSTEM ONLY

TCS - 2086/65
IB - 72/65
15 March 1965
Copy # 1

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR
ATTENTION : [REDACTED] 25X1A
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, Photographic Intelligence Division, CIA
SUBJECT : Complete Dimensions on Moscow Airframe Plant Fili
No. 23, USSR
REFERENCES : (1) ORR Requirement No. C-RR5-82,310
(2) CIA/PID Project No. 30342-5

25X1D

1. This memorandum is in response to the referenced requirement requesting dimensions of the plant, to be used in estimating the cost of construction of existing facilities.

2. All horizontal measurements shown on the enclosed graphics have been made by the NPIC Technical Intelligence Division, and are considered to be [REDACTED] whichever is greater. Vertical measurements were obtained from CIA/RR RA-20 report and measurements made by CIA/PID project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data. 25X1A.

3. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2547 should any further information concerning this memorandum be desired. This requirement is considered complete.

Enclosures:

- 1 - Photo Enlargement
CIA/PID/IB-P-173/65
- 1 - Line Drawing
CIA/PID/IB-P-174/65

25X1A

Declass Review by NIMA/DoD

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GROUP 1
Excluded from automatic
downgrading and
declassification

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FILE A/P PLANT NO. 23, MOSCOW, USSR 25X1D

Item No.	Description	Dimensions	Sq. Ft.	Cu. Ft.	
1	Workshop	240 x 165 x 25	39,600	990,000	
2	Workshop/Machine Shop	Irregular, 45,55	153,350	7,330,250	
3	Workshop	475 x 275 x 30	130,625	3,918,750	
4	Maintenance Hangar, T-Shaped	Irregular, 35,45	35,400	1,527,000	
5	Hangar	Irregular, 28,450	28,450	1,251,800	
6	Workshop	Irregular, 15,45	42,650	1,730,250	
7	Subassembly Building	720 x 240 x 60	172,800	10,368,000	
8	Workshop	25X1D Irregular, 10,20	56,800	656,000	
9	Workshop	170 x 90 x 20	15,300	306,000	
10	Storage	275 x 35 x 20	13,125	262,500	
11	Workshop/Machine Shop	315 x 475 x 25	244,625	6,115,625	25X1D
12	Workshop/Machine Shop	Irregular, 20,45,55	108,125	4,081,875	25X1D
13	Final Assembly, 2 Bays				
14	Subassembly/Machine Shop	Irregular	1,155,825	39,688,500	
15	Workshop/Machine Shop	455 x 130 x 30	59,150	1,774,500	
16	Probable Foundry	Irregular, 30	65,600	1,968,000	25X1D
17	Administration Building	Irregular, 23,250	23,250	1,371,750	
18	Workshop	Irregular, 20	35,525	710,500	25X1D
19	Workshop				
20	Workshop/Machine Shop, U-Shaped				
21	Workshop	220 x 160 x 20	35,200	704,000	25X1D
22	Workshop				
23	Workshop	320 x 170 x 40	54,400	2,176,000	
24	Probable Engineering/R&D	Irregular, 25,60,80	96,300	5,346,000	
25	Administration, 3 Story	Irregular, 35	140,625	1,640,625	25X1D
26	Two Storage Buildings				
27	Storage	330 x 40 x 15	13,200	198,000	
28	Boilerhouse	Irregular, 15	7,375	110,625	
29	Administrative, 3 Story	Irregular, 35	103,950	1,212,750	
TOTAL Square and Cubic Footage of numbered buildings from CIA/PIR-42/64 Report			3,298,250	112,622,175	

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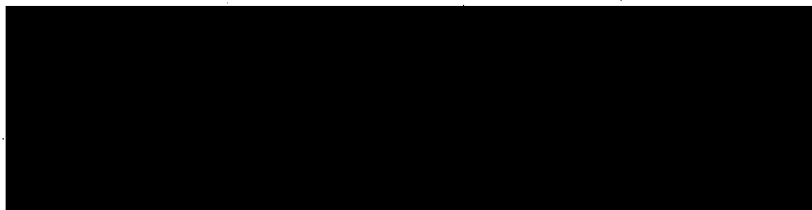
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CONSTRUCTION DATA:

25X1D

<u>Building Numbers</u>	<u>Date Construction Started</u>	<u>Date Construction Finished</u>
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2,8 & 9
3
11
1,10,25 and 26
7
24
12,14 and 15



25X1D

Additional square and cubic footage added since [redacted] to the following buildings are listed below:

<u>Building No.</u>	<u>Square Foot</u>	<u>Cubic Foot</u>
3	56,000	1,680,000
12	42,800	1,769,625
14	56,600	1,132,000
15	14,785	443,550

The remaining buildings were reportedly built in the late 1920's or early 1930's and was originally known as the Gorbunov Plant. It was Airframe Plant No. 22 until late 1941, when it was partially evacuated. By 1942, however, the plant had been restored sufficiently and was reopened as Airframe Plant No. 23. Reconstruction of buildings damaged during World War II bombings was accomplished in the early postwar years.

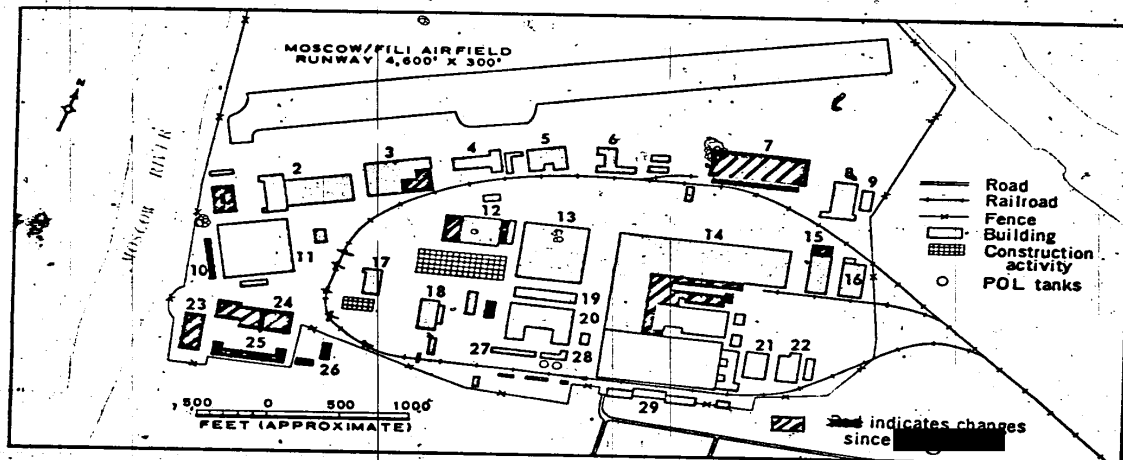
Rail spurs, totalling 10,700 feet in length serve this plant and approximately 22,300 foot of roads. The roads appear to be hard-surfaced, probably concrete and with an average width of 25 feet.

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MOSCOW AIRFRAME PLANT
FILI NO. 23, USSR
55 45N - 37 20E

25X1D

TCS No. 2086/65
IB No. 72/65
CIA/FID/IB-P-174/65

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MOSCOW AIRFRAME PLANT

FILM NO. 23, USSR

55 45N - 37 20E

25X1D



TCS No. 2086/65
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